Attorney Docket No.: 2307E-065020US UC Case No. 96-155-3

DECLARATION

As a below named inventor, I declare that:

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My residence, post office address and citizenship are as stated below next to my name; I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled CORRECTION OF GENETIC DEFECTS USING CHEMICAL CHAPERONES, the specification of which was filed on April 13, 1999 as Application No. 09/291,406.

I have reviewed and understand the contents of the above-identified specification, including the claims. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

-				
	Country	- Application No.	Date of Filing	Priority Claimed Under 35 USC 119
١				

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/015,155	April 10, 1996

It claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or ECT international filing date of this application:

Application No.	Date of Filing	Status
08/838,691	April 9, 1997	Issued on May, 4, 1999 as U.S. Patent No. 5,900,360

Full Name of Inventor 1:	Last Name: WELCH	First Name: WILLIAM	Middle Name or Init J.	ial:
Residence & Citizenship:	City: San Francisco	State/Foreign Country: California	Country of Citizensh United States	ip:
Post Office Address:	Post Office Address: 48 Fountain	City: San Francisco	State/Country: California	Postal Code: 94114
Full Name of Inventor 2:	Last Name: BROWN	First Name:	Middle Name or Init RANDELL	ial:
Residence & Citizenship:	City: Hershey	State/Foreign Country: Pennsylvannia	Country of Citizensh United States	ip:
Post Office Address:	Post Office Address: Penn State Geiginger Health Center, 500 University Dr.	City: Hershey	State/Country: Pennsylvannia	Postal Code: 17033
Full Name of Inventor 3:	Last Name: TATZELT	First Name: JÖRG	Middle Name or Init	ial:
Residence & Citizenship:	City: München	State/Foreign Country: Germany	Country of Citizensh Germany	ip:

Attorney Docket No.: 2307E-065020US

UC Case No. 96-155-3

Ξ.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
Willed Willell	C. Paul Grow	
WILLIAM J. WELCH	C. RANDELL BROWN	JORG TATZELT
Date Mu, 25, 1999	Date Ang 27, 1999	Date
	J	

SF 211232 v1

Attorney Docket No.: 2307E-065020US UC Case No. 96-155-3

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1	Signature of Inventor 2	Signature of Inventor 3
WILLIAM J. WELCH	C. RANDELL BROWN	JORG TATZELT
Date	Date	Date 1845 23, 1999

SF 211232 v1

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Applicant or Patentee: _	William J. Welch	et al.			02307E-065020US	
	00/20 406		U. C.	a No.	96-155-3	
iled or Issued:	April 13, 1999	- Chaminal Chamasa		-		
or: Correction of Ger	netic Defects Using	d Chemical Chapero	nes,			
VEF			N) CLAIMING SMALL]NONPROFIT ORGA			
hereby declare that I an	n an official empov	wered to act on beh	alf of the nonprofit orga	nization	n identified below:	•
NAME OF ORGANIZAT ADDRESS OF ORGANI	ZATION: 1111 Oakl	Regents of the Un 1 Franklin Street, and, California 94	12 th Floor			
TYPE OF ORGANIZATION X] UNIVERSITY OR OTH X] TAX EXEMPT UNDEN 1 NONPROFIT SCIENT (NAME OF STATE (CITATION OF STATE	HER INSTITUTION R INTERNAL REVE IFIC OR EDUCATIO	NUE SERVICE COD NAL UNDER STATU	ATION E [26 USC § 501(a) and JTE OF STATE OR THE U	I § 601 JNITED	(c) (3)1] STATES OF AMERICA	
WOULD QUALIFY AS LOCATED IN THE UN	S TAX EXEMPT U		EVENUE SERVICE CODE	[26 US	SC § 501(a) and § 501(c) (3)	iF
) WOULD QUALIFY A OF AMERICA IF LOC (NAME OF STATE (CITATION OF STA	S NONPROFIT SC	TENTIFIC OR EDUC TED STATES OF AM)		JTE OF	STATE OF THE UNITED STAT	ES
hereby declare that the	nonprofit organiz	ation identified abo	ve qualifies as a nonpro	fit orga	inization as defined in 37 CFF	₹ §
.9(e) or purposes of p nvention entitled Corre	aying reduced fee	s under section 41	(a) or (b) of Title 35,	United	States Code with regard to	he
nvengon entitled <u>Corn</u> by inygntor(s) <u>William J.</u>	Welch, C. Randell	Brown, and Jorg Ta	atzelt		described i	1
[] the specification fil	ed herewith					
[x]application serial no	. 09/291,406	, filed <u>A</u>	pril 13, 1999			
[] Patent no		, issued		<u> </u>		
hereby declare that rig	thts under contractified invention.	et or law have been	n conveyed to and rema	in with	the nonprofit organization w	ith
nvention is listed below qualify as an independent of dualify as a small but	or* and no rights to nt inventor under desiness concern under statements are	to the invention are 37 CFR § I.9(c) if the der 37 CFR § I.9(d) required from each	held by any person, on that person made the involved or a nonprofit organizat In námed person, conce	ther the ention, ion und	organization having rights to an the inventor, who would or by any concern which wo er 37 CFR § I.9(e). Organization having rights to	not uld
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titlement to small entity	status prior to pa	ying, or at the time	notification of any che of paying, the earliest of paying, the earliest of the appropriate. [37 CFR]	of the is	n status resulting in loss of ssue fee or any maintenance (b)]	en- fee
I hereby declare that all belief are believed to be	statements made	of my own knowle	edge are true and that a	all state	ments made on information a	ınd

NAME OF PERSON SIGNING:

TITLE IN ORGANIZATION: ADDRESS OF PERSON SIGNING:

Principal Prosecution Analyst, Office of Technology Transfer 1111 Franklin Street, 5th Floor Oakland, California 94607-5200

Linda S. Stevenson

DATE March 22, 2000

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231



on

Ву

PATENT

Attorney Docket No. 02307E-065020US UC Case No. 96-155-3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

William J. Welch et al.

Serial No.: 09/291,406

Filed: April 13, 1999

For: CORRECTION OF GENETIC

DEFECTS USING CHEMICAL

CHAPERONES

Examiner: L. Leary

Art Unit: 1623

POWER OF ATTORNEY BY ASSIGNEE AND EXCLUSION OF INVENTOR(S) UNDER 37 CFR § 3.71

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

The undersigned assignee of the entire interest in the above-identified subject application hereby appoints

William J. Welch e.
Page 2

Attorne, Docket No. 02307E-065020US UC Case No. 96-155-3

Hector A. Alicea, Reg. No. 40,891 Randolph T. Apple, Reg. No. 36,429 Kevin L. Bastian, Reg. No. 34,774 Guy Chambers, Reg. No. 30,617 Karen B. Dow, Reg. No. 29,684

M. Henry Heines, Reg. No. 28,219 Laurence J. Hyman, Reg. No. 35,551 Jeffrey J. King, Reg. No. 38,515 Joe Liebeschuetz, Reg. No. 37,505 Jeffry S. Mann, Reg. No. 42,837 Annette S. Parent, Reg. No. 42,058 Steven W. Parmelee, Reg. No. 31,990 Brian W. Poor, Reg. No. 32,928

Timothy L. Smith, Reg. No. 35,367 William M. Smith, Reg. No. 30,223 Joseph P. Snyder, Reg. No. 39,381 John R. Storella, Reg. No. 32,944 Eugenia Garrett-Wackowski, Reg. No. 37,330 Ellen Lauver Weber, Reg. No. 32,762 Kenneth A. Weber, Reg. No. 31,667

all of the firm of Townsend and Townsend and Crew LLP, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with 37 CFR § 3.71.

An as	signment of the entire intere	est in the above-identified subject applicati	ion:
	was recorded on	at reel/frame	
X	is being concurrently sub	mitted under separate cover to Attn: Box	
Assignments for rec	ording, a copy <u>not</u> for record	dation is enclosed.	

William J. Welch e. Page 3

relative

Please direct all telephone calls to Hector A. Alicea and all correspondence relative to said application to the following address:

Townsend and Townsend and Crew LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834

ASSIGNEE:

THE REGENTS OF THE

UNIVERSITY OF CALIFORNIA

Signature:

Typed Name:

Title:

Linda S. Stevenson

Principal Prosecution Analyst

Office of Technology Transfer 1111 Franklin Street, 12th Floor

Oakland, CA 94607-5200

Dated

rev. 3/30/99 SF 151310 v1 SF 211234 v1

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ASSIGNMENT

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may be known a proceeding relation and all paper tion, said invented to carry out assignment to income.
etters Patent of rsity of Californi

ASSIGNMENT

U.C. Case N	lo. 96-155-3		
For good an	d valuable consideration	n, the receipt of	which is hereby acknowledged, ASSIGNOR(S),
1. William	J. Welch		2. C. Randell Brown
3. <u>Jörg Tat</u>	zelt		4.
Corporation, 94607-5200 interest for	, having its statewide O, and the successors,	administrative assigns and le its territorial p	EE, The Regents of the University of California, a California offices located 1111 Franklin St., 12th Floor, Oakland, CA egal representatives of the ASSIGNEE all of its right, title and possessions and in all foreign countries in and to, any and all entitled:
CORRECTIO	N OF GENETIC DEFEC	TS USING CHE	MICAL CHAPERONES
and which is	s found in		
(a)	•	lication filed her	rewith and listing the above-named persons as inventors
(b)	U.S. provisional app	lication filed her	ewith and listing the above-named persons as inventors
-{c) - <u>X</u>			U.S. application serial no. <u>09/291,406</u>
	filed on April 13, 19		
(d)	U.S. Patent No.:	, issued	
Patent to be part, extens of said Lette	e obtained for said invition, conversion to 35 lears Patent and all rights	ention by the a USC 111(a) or under all Intern	ry, including the right to claim priority and, in and to, all Letters above application or any continuation, division, continuation—in substitute thereof, and any reissue, reexamination or extension ational Conventions for the Protection of Industrial Property;
ASSIGNOR(or entered in	<u>S)</u> hereby covenants that to which would conflic	nat no assignme it with this assig	ent, sale, agreement or encumbrance has been or will be made gnment;
facts and do accessible to thereto and instruments and said Lepurposes the	ocuments relating to sai to ASSIGNOR and will will promptly execut or affidavits required tetters Patent and said ereof. An attorney of r	id invention and testify as to to the and deliver to apply for, obequivalents the ecord is authorical.	will, upon its request, be provided promptly with all pertinent-said Letters Patent and legal equivalents as may be known and the same in any interference, litigation, or proceeding relating to ASSIGNEE or its legal representative any and all papers tain, maintain, issue or enforce said application, said invention ereof which may be necessary or desirable to carry out the zed and requested by the execution of this assignment to insert our of said application when officially known.
AND the AS United State	SSIGNOR(S) requests the same and any reissue or ex	ne Commissione ctension thereof	of Patents and Trademarks to issue said Letters Patent of the to the ASSIGNEE, The Regents of the University of California.
executed th	is		Signature of Inventor(s)
day of		19	William J. Welch
day of		^19	C. Randell Brown
day of	Nowmbt.	19 <u>4</u> 5	Jorg Tatzer

ASSIGNMENT

1. William J	. Welch	2. C. Randell Brown
3. <u>Jörg Tatz</u>	elt	4
Corporation, 94607-5200 interest for t	having its statewide adminis, and the successors, assigns	SSIGNEE, The Regents of the University of California, a California strative offices located 1111 Franklin St., 12th Floor, Oakland, (a and legal representatives of the ASSIGNEE all of its right, title a storial possessions and in all foreign countries in and to, any and vention entitled:
CORRECTION	OF GENETIC DEFECTS USIN	G CHEMICAL CHAPERONES
and which is	found in	
(a)	U.S. provisional application f	iled herewith and listing the above-named persons as inventors
(b)	U.S. provisional application f	iled herewith and listing the above-named persons as inventors
(c) X	•	U.S. application serial no. 09/291,406
101	filed on <u>April 13, 1999</u>	
(d)	U.S. Patent No.:; issu	ed
Patent to be	obtained for said invention bon, conversion to 35 USC 111	y the above application or any continuation, division, continuation- I(a) or substitute thereof, and any reissue, reexamination or extensi
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Patent to be part, extension of said Letter of said Letter of said Letter or entered in ASSIGNOR(S) facts and do accessible to thereto and instruments and said Let purposes the into this assignant of the ASSIGNOR(S) United States of the said Letter of the said	obtained for said invention bein, conversion to 35 USC 1111 is Patent and all rights under all its Patent and all rights under all to which would conflict with the patents relating to said invention ASSIGNOR and will testify will promptly execute and dor affidavits required to apply there Patent and said equivalence. An attorney of record is gnment the filing date and series and any reissue or extension is and any reissue or extension.	y the above application or any continuation, division, continuation (a) or substitute thereof, and any reissue, reexamination or extensical International Conventions for the Protection of Industrial Property; essignment, sale, agreement or encumbrance has been or will be mains assignment; IGNEE will, upon its request, be provided promptly with all pertinesion and said Letters Patent and legal equivalents as may be known a as to the same in any interference, litigation, or proceeding relativeliver to ASSIGNEE or its legal representative any and all paper for, obtain, maintain, issue or enforce said application, said inventions—thereof which may be necessary or desirable to—carry out to authorized and requested by the execution of this assignment to insulat number of said application when officially known. Insissioner of Patents and Trademarks to issue said Letters Patent of the thereof to the ASSIGNEE, The Regents of the University of California.